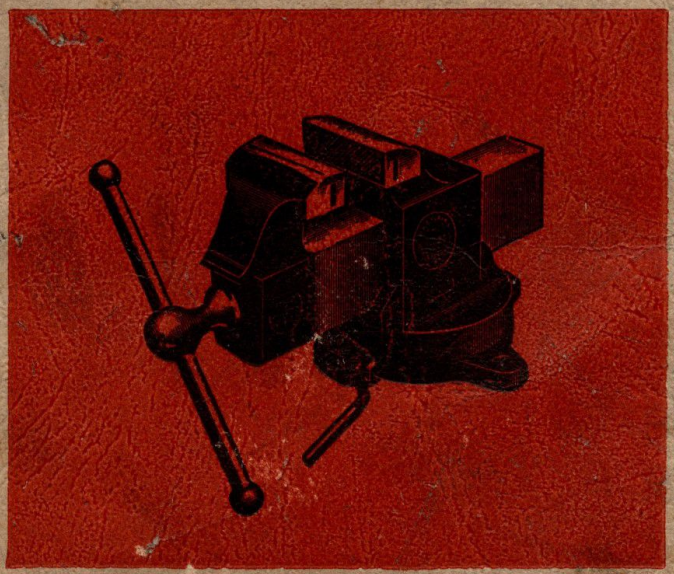
Prentiss VISES

PRENTISS VISE COMPANY

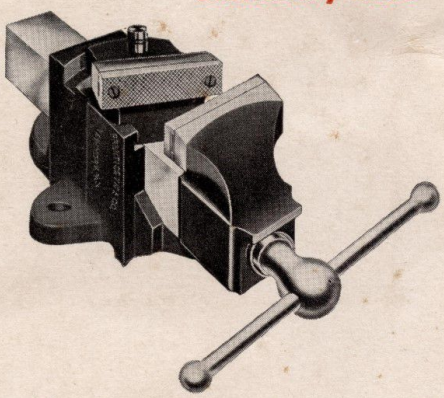
302 BROADWAY, NEW YORK



PRENTISS VISES

Prentiss Patent Machinists' Vises

Stationary Base - Self-Adjusting Jaw



Vise No.	Jaws inches	Opens inches	Weight lbs.	List Price
1	2⅝	3½	13½	$13.50
2	3½	4¾	28	16.00
2½	4	5¼	41	19.00
3	4½	6	54	22.00
4	5¼	8	96	35.00
5	6	9	146	50.00
6	7	11	184	65.00

Detachable Steel Jaws

Designed to hold irregular pieces. With taper pin removed, the back jaw swivels automatically as the vise is screwed up on the work, until the angle between the jaws conforms to shape of the work. With taper pin inserted, it becomes a Parallel Solid Jaw Vise. Detachable and interchangeable alloy steel jaw faces. Main screw one piece cold rolled steel with forged head. Lever with forged ball ends. Screw collar is held on both sides, keeping it parallel with the bearing surface. Prongs of collar are driven into depressions in screw shank, making collar immovable. This is the only collar fastening not using a set screw.

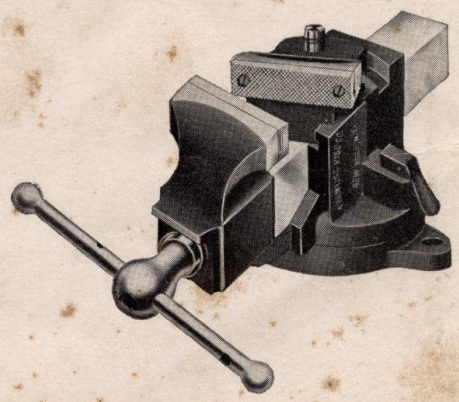
Prentiss Patent Machinists' Vises

Self-Adjusting Jaw - Swivel Base

This vise is like the one shown above except that it has swivel base. Our Patent Swivel Bottom enables operator to instantly adjust vise to any angle, right or left, by simply raising lever at the side of the vise, thus disengaging pin from base plate. When lever is released, pin will be forced into nearest hole in base plate and positively lock the vise in that position.

Vise No.	Jaws inches	Opens inches	Weight lbs.	List Price
18	2⅝	3½	17	$16.00
19	3½	4¾	32	20.00
19½	4	5¼	46	24.00
20	4½	6	65	28.00
21	5¼	8	109	44.00
22	6	9	168	60.00
23	7	11	207	75.00

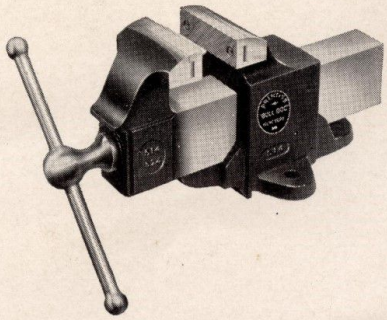
Jaw Faces Interchangeable



PRENTISS VISES

"BULL DOG" MACHINISTS' VISES

Solid Jaw - Stationary Base



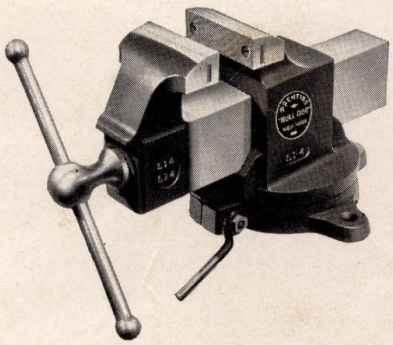
The new line of Prentiss "Bull Dog" Vises has been completely redesigned to scientifically distribute the metal for greatest possible strength and convenience in use. Each size is exactly proportioned in every dimension so that from the smallest to the largest they are relatively identical. Detachable and interchangeable alloy steel jaw faces. Main screw one piece cold rolled steel with forged head. Lever with forged ball ends.

New Vise No.	Replacing Vise No.	Jaws Inches	Open Inches	Weight Lbs.	Price
511	211	2½	3½	14	$ 9.00
512	50	3	4	12	10.00
513	51	3½	5	28	11.25
514	52	4	6	42	12.75
515	53	4½	7	55	15.50
516	54	5	8	72	20.00
517	55	5½	9	100	30.00
518	56	6	10	135	39.00
519	57	7	12	210	55.00
* 58	58	8½	12	275	82.00

** Prentiss Heavy Chipping Vise*

"BULL DOG" MACHINISTS' VISES

Stationary Jaw - Swivel Base

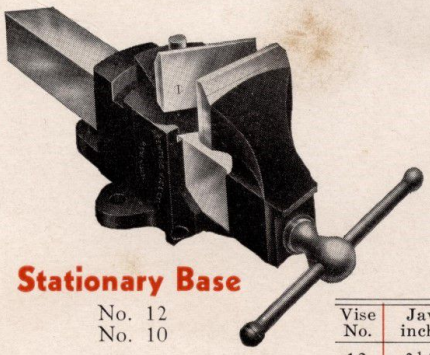


Same as Stationary Base, Prentiss "Bull Dog" Vises. New Swivel Base is a split ring squeezed against hub on vise body. Has greater holding power and freer action than any other swivel base and is easier to operate. A quarter turn on the lever will let vise rotate freely through 360 degrees or tighten immovably.

New Vise No.	Replacing Vise No.	Jaws Inches	Open Inches	Weight Lbs.	Price
521	212	2½	3½	18	$12.00
522	90	3	4	28	13.00
523	91	3½	5	36	15.00
524	92	4	6	52	17.00
525	93	4½	7	65	20.00
526	94	5	8	85	30.00
527	95	5½	9	115	38.00
528	96	6	10	155	52.00
529	97	7	12	235	70.00

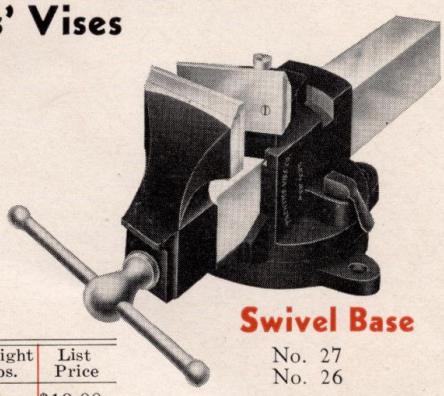
PRENTISS VISES

Prentiss Patent Self-Adjusting Jaw Coach-Makers' Vises



Stationary Base

No. 12
No. 10



Swivel Base

No. 27
No. 26

Vise No.	Jaws inches	Opens inches	Weight lbs.	List Price
12	3½	7	30	$19.00
10	4½	9½	59	25.00
27	3½	7	34	23.00
26	4½	9½	67	30.00

Designed with very lean high jaws and extra long arm to give all possible freedom to operator and room for holding large pieces. The Self-Adjusting Jaw adjusts itself to hold firmly articles of any shape. The Steel Jaw Faces are detachable and renewable, finished perfectly smooth, and have large surfaces to protect the work from injury. Swivel base allows vise to be turned to any angle and positively locked there. These vises are made to hold wood work of any description, but not metal.

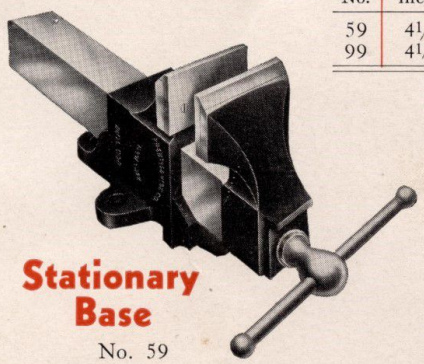
"BULL DOG"

(Registered in U. S. Patent Office)

Solid Jaw Coach-Makers' Vises

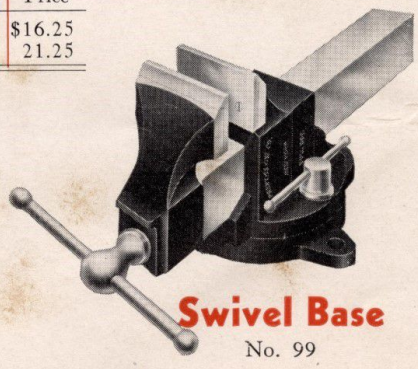
Designed with very high jaws and long arm. The deep throat and wide opening allow operator the maximum amount of room for holding work. The steel jaw faces are detachable and renewable and cover the entire gripping surface of the jaws. The Swivel Bottom allows this vise to be turned to any angle and locked there. This vise is made to hold wood work of every description, but not metal.

Vise No.	Jaws inches	Opens inches	Weight lbs.	List Price
59	4¼	9	48	$16.25
99	4¼	9	58	21.25



Stationary Base

No. 59



Swivel Base

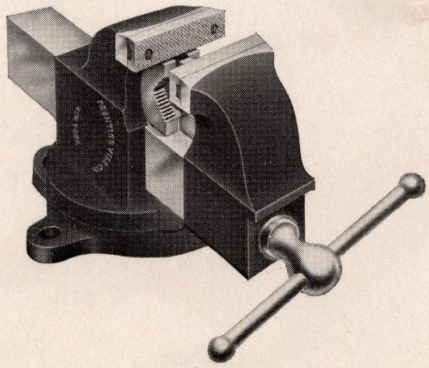
No. 99

PRENTISS VISES

"Blake" Combination Pipe Vises

(Registered in U. S. Patent Office)

Swivel Base



Vise No.	Jaws ins.	Holds Pipe ins.	Weight lbs.	1937 List Price
180	2½	⅛ to 1	15	$10.50
180½	3	⅛ to 1½	22	12.50
181	3½	⅛ to 2½	55	17.50
182	4¼	⅛ to 3	80	24.00
182½	5	⅛ to 4	120	38.00
183	6	⅛ to 6	185	60.00
185	7	⅛ to 8	240	75.00

Patent Detachable Steel Machinists' Jaw Faces

Our Combination Pipe Vises are exceptionally heavy and are made to stand hard usage. The Pipe Jaws are made of high-grade steel and are reversible, giving double wear. Equipped with Patent Detachable and Interchangeable Steel Jaw Faces. The Swivel Bottom is all above the work bench and is operated by a lever on the side of the body.

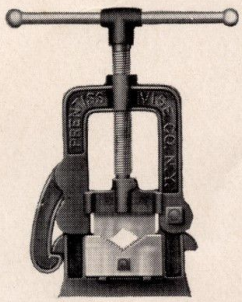
Main screw one piece cold rolled steel with forged head. Ball ends forged on lever.

Two large sizes, No. 183 and No. 185 have unbreakable wrought steel sliding arm.

"Prentiss" Hinged, Malleable Pipe Vises

(Registered in U. S. Patent Office)

Extra Heavy

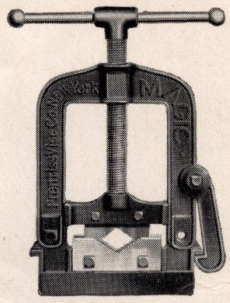


These Vises are constructed of a very high-grade malleable iron, and tool steel Pipe Jaws.

Main Screw one piece cold rolled steel with forged head. Ball ends forged on lever.

Vise No.	Holds Pipe ins.	Weight lbs.	List Price
B	⅛ to 2½	13	$ 6.00
C	⅛ to 3	20	9.00
D	⅛ to 4½	35	12.50

"Magic"



Vise No.	Holds Pipe ins.	Weight lbs.	List Price
110	⅛ to 2	4½	$ 3.60
111	⅛ to 2½	9	5.00
112	⅛ to 3½	15	7.50
113	¼ to 4½	19	11.00
114	1 to 6	36	23.50

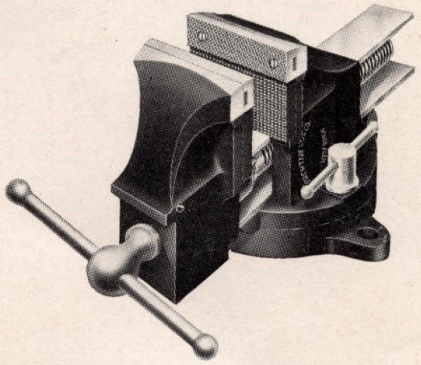
PRENTISS VISES

Prentiss Improved Combination Pipe Vises

Swivel Base

Vise No.	Jaws inches	Opens inches	Weight lbs.	List Price
81	3½	⅛ to 2½	35	$17.50
82	4¼	⅛ to 4	55	24.00
83	5	⅛ to 6	100	40.00

Patent Detachable Steel Machinists' Jaw Faces



The design of this vise permits the pipe to be released and lifted out of the vise with one turn of the lever.

The carefully hardened and tempered flat steel plates are deeply serrated at right angles forming a series of teeth for holding pipe. They wear long because pipe is usually held at a slightly different point each time.

The Flat Plate Pipe Jaws exceed the "V" type in gripping power because area engaged with pipe is at least double the area engaged with "V" type jaws. These Flat Plates hold pipe with less pressure than is required with "V" type jaws.

With the Flat Plate Pipe Jaws, the pipe can be held at any angle and it is possible to work up to the exact point where the pipe is gripped, permitting the holding of short pieces.

To keep the vise low and to give added strength, we use a non-breakable wrought steel sliding arm.

Prentiss Autoser-vise

Swivel Base

This vise designed with unusually deep throat and built-up polished anvil on back of vise.

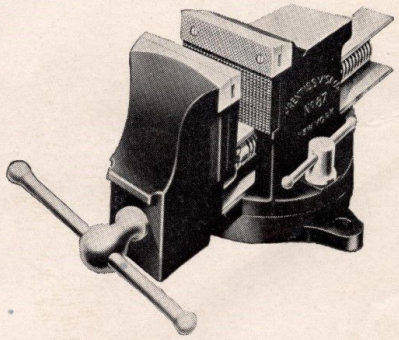
An unbreakable wrought steel sliding arm.

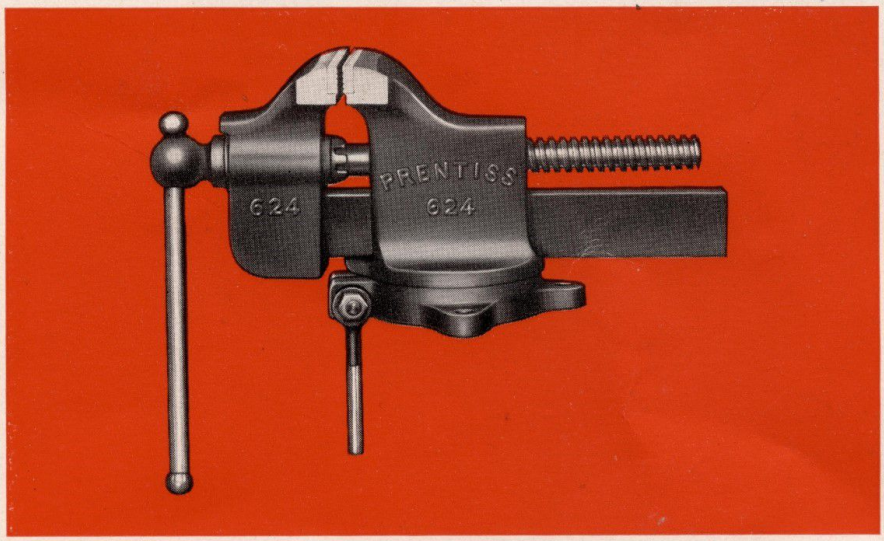
Detachable and interchangeable steel jaw faces.

Flat plates deeply serrated provides surfaces which grip and positively hold anything round.

Vise No.	Jaws inches	Open inches	Depth Throat inches	Wgt. lbs.	List Price
87	4¼	6	4	65	$23.00
89	5	8½	5½	120	36.00

Patent Detachable Steel Machinists' Jaw Faces





Prentiss *Utility*

★ MACHINISTS' VISE ★

★ **NEW** Improved--- Rapid Action Swivel Base

For use in schools or shops where work is not sufficiently continuous or severe to warrant the purchase of a standard Machinists' vise.

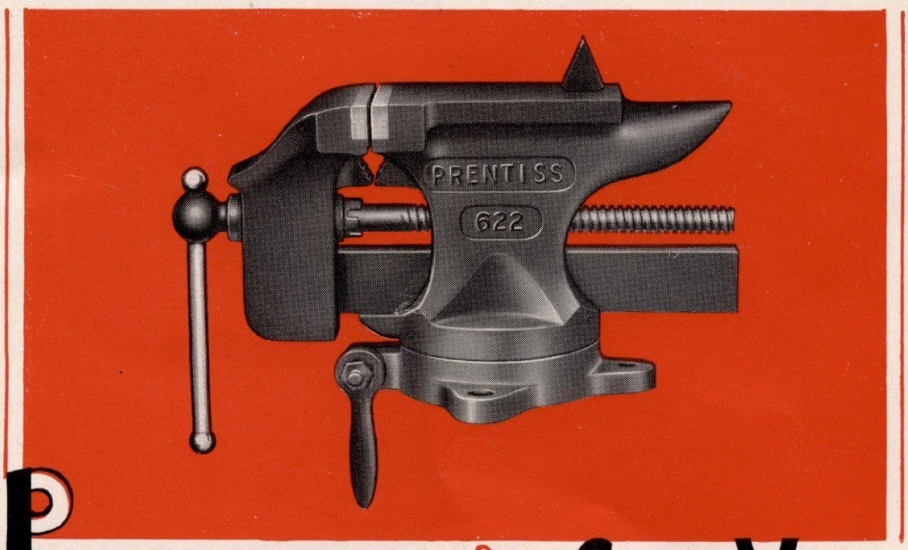
★ Construction makes vise strong and rugged. Screw is placed between steel sliding bar and jaws adding greatly to strength of vise. The screw is one piece with forged head and works in a replaceable nut pulling in a direct line against solid wall of body. Screw is same as used in standard 4″ Machinists' vise.

Jaw faces are replaceable and made from alloy steel, rough cut hardened and tempered.

★ New style Prentiss Swivel Base tightens without effort, holds immovably and turns smoothly through 360°.

No. 624 **4 in. Jaw** **Weight 28 lbs.**

LIST PRICE **$8.00**



Prentiss *Triple* Ser-Vise

Machinists' Vise ★ Pipe Vise ★ Anvil

NEW Improved--
Rapid Action Swivel Base

The Swivel Base allows vise to rotate through 360° and is tightened immovably without effort. The anvil has a working face 5" x 2½" and a steel hardie for cutting off.

The detachable tool steel jaw faces are rough cut and hardened and pipe jaws for holding any rounds are provided. Vise has steel sliding arm. Main screw and screw head are forged in one piece. Ball ends are forged on lever. Vise is finished in machine gray.

No. 622 **3 in. Jaw** **Weight 19 lbs.**

LIST PRICE **$4.50**

PRENTISS VISES

NEW PRENTISS SWIVEL BASE

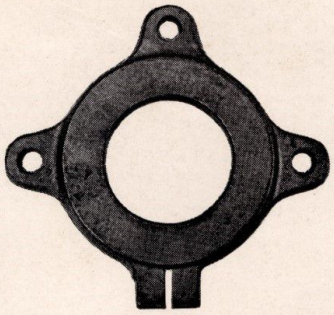


FIG. 1

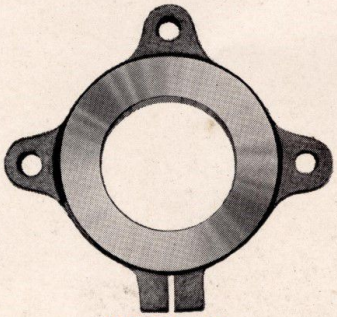


FIG. 2

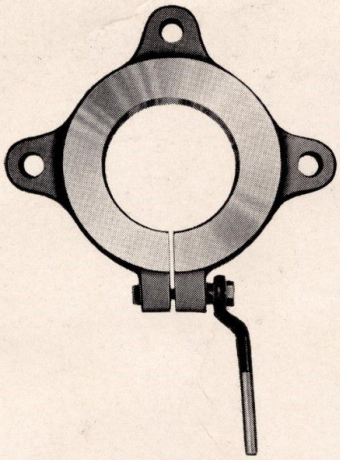


FIG. 3

New Swivel Base is a split ring squeezed against hub on vise body. Has greater holding power and freer action than any other swivel base and is easier to operate. A quarter turn on the lever will let vise rotate freely through 360 degrees or tighten immovably.

FIG. 1 shows new Prentiss Swivel Base Plate rough cast with inner ring one solid piece.

●

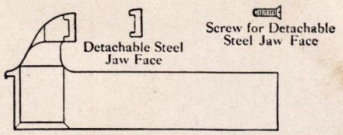
FIG. 2 shows Base Plate machined to fit bottom of body and hub. The base is bored while still one solid piece to be an exact fit on the hub.

●

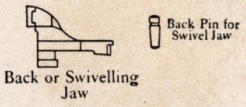
FIG. 3 shows Base Plate sawed through to allow it to spring apart. When Base Plate is put over hub, it is opened enough to allow vise to rotate. When bolt is tightened, the ring is closed on the hub holding the vise immovable. Because the Base Plate is returned to its normal cast position when fully tightened, there is no strain on its metallic structure when bolt is tight. This positively eliminates any danger of breakage. This mechanical principle is commonly used in machine tools and universally used in the automobile piston ring.

PRENTISS VISES

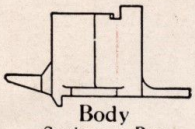
Repair Parts for Machinists' Vises



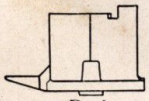
Front or Sliding Jaw



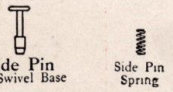
Back or Swivelling Jaw

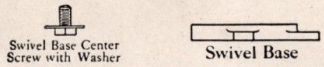


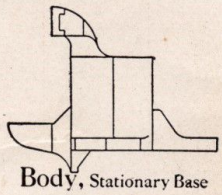
Body
Stationary Base



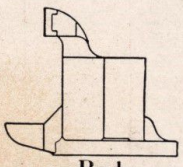
Body
for Swivel Base



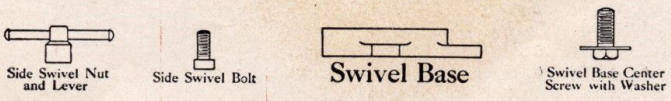


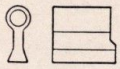


Body, Stationary Base

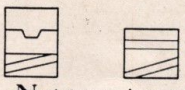


Body
(for Swivel Base)

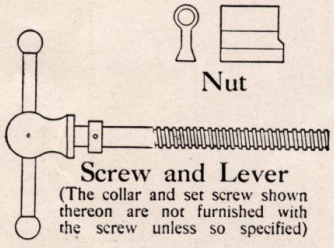




Nut



Nut (two pieces)



Screw and Lever
(The collar and set screw shown thereon are not furnished with the screw unless so specified)

Pull-Bar
(for Operating Nut)

Pull-bar Spring

PRICE LIST EXTRA PARTS

Vise Number	Body	Front or Sliding Jaw	Back Jaw	Detachable Steel Jaw Face —Each	Screw and Lever	Nut	Swivel Base	Pipe Jaws Per Set
1	$3.25	$3.25	$3.25	$1.10	$2.50	$0.70	____	____
2	4.00	4.00	4.00	1.30	2.50	.80	____	____
2½	5.50	5.50	5.50	1.40	3.00	.80	____	____
3	6.50	6.50	6.00	1.60	3.75	1.20	____	____
4	11.00	11.00	7.00	2.00	5.00	1.50	____	____
5	15.00	15.00	12.00	2.40	8.00	2.00	____	____
6	22.00	22.00	12.00	2.80	8.00	2.50	____	____
10	7.50	7.50	6.00	3.00	3.75	1.20	____	____
18	3.25	3.25	3.25	1.10	2.50	.70	2.50	____
19	4.00	4.00	4.00	1.30	2.50	.80	2.50	____
19½	5.50	5.50	5.50	1.40	3.00	.80	3.00	____
20	6.50	6.50	6.00	1.60	3.75	1.20	4.00	____
21	11.00	11.00	7.00	2.00	5.00	1.50	6.00	____
22	15.00	15.00	12.00	2.40	8.00	2.00	9.00	____
23	22.00	22.00	12.00	2.80	8.00	2.50	12.00	____
26	7.50	7.50	6.00	3.00	3.75	1.20	3.50	____
50	4.00	3.50	____	1.30	2.50	.80	____	____
51	5.00	4.50	____	1.30	2.50	.80	____	____
52	6.00	6.00	____	1.50	3.00	1.20	____	____
53	7.00	7.00	____	1.70	3.00	1.20	____	____
54	10.00	10.00	____	1.90	4.00	1.50	____	____
55	13.50	12.00	____	2.20	4.50	1.60	____	____
56	17.00	17.00	____	2.40	6.00	2.00	____	____
57	25.00	25.00	____	2.80	7.00	2.50	____	____
58	40.00	40.00	____	3.50	9.00	3.00	____	____
59	7.50	6.50	____	2.75	3.00	1.20	____	____
81	7.00	6.00	____	1.30	2.50	.80	2.50	2.50
82	10.00	9.00	____	1.60	3.00	1.00	3.00	3.00
83	13.00	13.00	____	1.90	4.00	1.20	4.00	6.00
90	4.00	3.50	____	1.30	2.50	.80	2.00	____
91	5.50	4.50	____	1.30	2.50	.80	2.50	____
92	6.50	6.00	____	1.50	3.00	1.20	3.00	____
93	8.00	7.00	____	1.70	3.00	1.20	3.50	____
94	11.00	10.00	____	1.90	4.00	1.50	4.00	____
95	15.00	12.00	____	2.20	4.50	1.60	6.00	____
96	18.00	17.00	____	2.40	6.00	2.00	8.00	____
97	26.00	25.00	____	2.80	7.00	2.50	10.00	____
99	8.00	6.50	____	2.75	3.00	1.20	3.00	____
180	4.50	4.50	____	1.00	1.75	.50	1.00	1.10
180½	5.00	5.00	____	1.10	2.00	.60	1.50	1.25
181	6.00	6.00	____	1.30	2.50	.80	2.00	2.00
182	9.00	9.00	____	1.60	3.00	1.20	3.00	2.50
182½	13.00	13.00	____	1.90	4.00	1.50	4.00	3.00
183	16.00	16.00	____	2.40	6.00	1.50	6.00	4.00
185	22.00	22.00	____	2.80	7.00	1.50	7.00	5.00
211	3.50	2.70	____	1.20	1.80	.70	____	____
212	3.50	2.70	____	1.20	1.80	.70	2.00	____
511	3.50	2.70	____	1.20	1.80	.70	____	____
512	4.00	3.50	____	1.30	2.50	.80	____	____
513	5.00	4.50	____	1.30	2.50	.80	____	____
514	6.00	6.00	____	1.50	3.00	1.20	____	____
515	7.00	7.00	____	1.70	3.00	1.20	____	____
516	10.00	10.00	____	1.90	4.00	1.50	____	____
517	13.50	12.00	____	2.20	4.50	1.60	____	____
518	17.00	17.00	____	2.40	6.00	2.00	____	____
519	25.00	25.00	____	2.80	7.00	2.50	____	____
521	3.50	2.70	____	1.20	1.80	.70	2.00	____
522	4.00	3.50	____	1.30	2.50	.80	2.00	____
523	5.50	4.50	____	1.30	2.50	.80	2.50	____
524	6.50	6.00	____	1.50	3.00	1.20	3.00	____
525	8.00	7.00	____	1.70	3.00	1.20	3.50	____
526	11.00	10.00	____	1.90	4.00	1.50	4.00	____
527	15.00	12.00	____	2.20	4.50	1.60	6.00	____
528	18.00	17.00	____	2.40	6.00	2.00	8.00	____
529	26.00	25.00	____	2.80	7.00	2.50	10.00	____
				Base	Frame	Latch	Slide	
110	____	____	$.70	$.80	$.50	$.20	$.20	.90
111	____	____	1.30	1.50	.80	.30	.40	1.20
112	____	____	1.75	2.20	1.00	.40	.50	2.00
113	____	____	2.25	3.50	2.00	.80	.70	2.50
114	____	____	3.50	6.50	4.00	1.50	1.50	3.50
B	____	____	1.50	2.50	1.40	.30	.60	1.50
C	____	____	1.70	3.00	2.25	.50	.60	2.00
D	____	____	3.00	5.00	3.00	1.20	1.20	3.00

Return Goods for Repair or Credit must be Sent to Our FACTORY AT WATERTOWN, N. Y.

NEW JUNIOR SIZE

CHENEY NAILER DEMONSTRATOR

DETAILS

6 No. 938 Cheney Nailers
(one chained to display)

1 Demonstrator with
4 Color Sign

$9.00 LIST PRICE COMPLETE

A LIVE DISPLAY THAT **SELLS**

This new display-demonstrator is smaller than the original Cheney Sales Maker display and differently constructed. It has been designed for shipment with an introductory order of six 16 ounce Cheney Nailers, No. 938. The junior Sales Maker is made entirely of wood and acts as a shipping case, stock box and display-demonstrator.

In the junior Sales Maker carton are packed the six Cheney Nailers, with one attached to the display for demonstrating. A four-color sign, readily placed in position, is also included. The display is varnished and the colored bull eyes, serve as targets for customers to try out the Cheney Nailer, driving nails, as in actual work, in the top of the display.

No.
938
BELL FACE

This special display is of particular advantage to stores whose hammer stocks and sales have been small and those stores who have yet to carry the Cheney Nailer, in providing a means to secure additional hammer business with a minimum size stock.

It is planned not to discontinue the original Sales Maker display but rather to supplement it on special occasions and in special instances, with the junior model.